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Data Sheet

August 15, 2026

HONEYWELL

Honeywell DC2003-0-0000-0000-00-0111 Mini-Pro Universal Digital Controller

The Honeywell DC2003-0-0000-0000-00-0111 is a Mini-Pro universal digital controller designed for a wide range of industrial applications. It offers precise temperature and process control with a compact design, user-friendly interface, and versatile input/output options.



MODEL

**Honeywell
DC2003-0-0000-
0000-00-0111**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**DC2003-0-0000-
0000-00-0111**

LISTING

[https://aumictechlabs.c
om/products/dc2003-0
-0000-0000-00-0111-
2/](https://aumictechlabs.com/products/dc2003-0-0000-0000-00-0111-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Honeywell DC2003-0-0000-0000-00-0111 is a Mini-Pro Universal Digital Controller from the UDC2000 series that delivers precise temperature and process control across industrial applications. This compact unit accepts universal inputs including thermocouples, RTDs, Radiamatic sensors, and linear actuators, with optional remote setpoint capability via 4-20 mA or 1-5 Volt signals. It operates on 120 VAC, 60 Hz at 6 VA. Technical Specifications Power & Input: 120 VAC, 60 Hz, 6 VA Universal inputs: thermocouple, RTD, Radiamatic, linear actuators Optional second input for remote setpoint (4-20 mA or 1-5 Volt) Optional Slidewire input for Position Proportional control Output Configurations: Current output: 4-20 mA dc into 0-750 ohms load Electromechanical relay Solid State Relay (2 amps or 10 amps) Open collector outputs Auxiliary

process variable output (1-5 Volt or 0-5 Volt scaled) Transmitter power output (up to 30 Vdc for 2-wire transmitter excitation) Control & Setpoints: PID, fuzzy logic, on/off with adjustable hysteresis Auto/manual modes with bumpless, balanceless switching Dual setpoints with 6 ramp and 6 soak segments Three local and one remote setpoint selectable via keyboard or digital input Alarms & Timing: Optional alarm outputs: one or two relays with dedicated indicators Duplex or 3-position step operation (one alarm available) Configurable timer: 0 to 99 hours, 59 minutes Alarm 1 active at timeout; timer start selectable via RUN/HOLD or Alarm 2 Digital I/O: Remote discrete mode switching via dry contact or isolated solid-state input Contact closure initiates setpoint program or single SP ramp; re-opening returns to hold Key Features Dual display: upper shows process variable, lower displays output, setpoints, or deviation Multi-language configuration prompts (English, French, German, Italian, Spanish) Compact design for space-constrained installations Typical Applications Environmental chambers, plastic processing machines, furnaces, ovens, and packaging machinery requiring monitoring and control of temperature, pressure, flow, level, and rotation variables.

DC20030000000000000111 Characteristics / Specifications

PARAMETER	VALUE
Model	DC2003-0-0000-0000-00-0111
Instrument Type	1/4 DIN universal digital process controller
Family	Honeywell UDC2000 Mini-Pro Leaderline
Accuracy	plus or minus 0.3 percent of span typical (plus or minus 1 display digit)
Adc Resolution	14 bit typical
Sampling Rate	3 samples per second per analog input
Temperature Stability	plus or minus 0.8 percent for 50 F (28 C) change
Current Input Impedance	250 ohm (4-20 mA)
Voltage Input Impedance	200 kohm
Thermocouple Impedance	10 MOhm
Rtd Impedance	10 kohm
Common Mode Rejection	120 dB at 50/60 Hz, 100 ohm source
Normal Mode Rejection	60 dB at 50/60 Hz, 100 percent span p-p
Current Output	4-20 mA, 11 bit, 0.5 percent FS, 0 to 750 ohm, min 3.2 mA
Relay Rating	5 A at 120 Vac or 30 Vdc; 2.5 A at 240 Vac resistive
Ssr Rating	1.0 A at 25 C, 0.5 A at 55 C, 120 or 240 Vac
Open Collector	20 mA sink, internally powered 34 Vdc, 100 mA protection
Power Consumption	6 VA
Mass	1 kg (2.2 lb)
Front Size	96 × 96 mm (1/4 DIN), panel cutout 92 × 92 mm
Depth	4.2 inch (105.4 mm); 2.62 inch with optional rear cover overlay
Front Protection	IP65 (IEC 529), NEMA 3
Mains	102-132 Vac or 204-264 Vac, 50/60 Hz (jumper)
Operating Temperature	0 C to 55 C operative; 15 C to 55 C rated
Storage Temperature	minus 40 C to 66 C

PARAMETER	VALUE
Isolation Hipot	1900 Vdc 2 s AC power to other circuits (EN61010-1 Annex K)
Manufacturer	Honeywell Industrial Automation and Control
Literature	Honeywell UDC2000 Mini-Pro specification 51-52-03-08 2/97

General Specifications & Supplementary Characteristics

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Storage temperature	minus 40 C to 66 C
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Rtd Impedance	10 kohm
Common Mode Rejection	120 dB at 50/60 Hz, 100 ohm source
Normal Mode Rejection	60 dB at 50/60 Hz, 100 percent span p-p
Current Output	4-20 mA, 11 bit, 0.5 percent FS, 0 to 750 ohm, min 3.2 mA
Relay Rating	5 A at 120 Vac or 30 Vdc; 2.5 A at 240 Vac resistive
Ssr Rating	1.0 A at 25 C, 0.5 A at 55 C, 120 or 240 Vac
Open Collector	20 mA sink, internally powered 34 Vdc, 100 mA protection
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Literature	Honeywell UDC2000 Mini-Pro specification 51-52-03-08 2/97 Notes From Honeywell UDC2000 Mini-Pro specification 51-52-03-08. DC2003 catalog decode: digit 3 is timer (or alarm 1) plus second relay for duplex or 3-position step. Dash fields on this SKU are the none/standard overlay; faceplate/jumper still sets 120 vs 240 Vac.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Environmental chambers, plastics, furnaces, ovens, and packaging temperature/process loops needing a 1/4 DIN universal controller with Accutune II.

Key Features

- Universal T/C, RTD, mA, mV, voltage inputs
- Accutune II plus fuzzy overshoot suppression
- IP65 / NEMA 3 hose-down front
- Time, current, duplex, and 3-position step algorithms
- 6 ramp / 6 soak setpoint programmer overlay

Technical Specifications

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Common Mode Rejection	120 dB at 50/60 Hz, 100 ohm source
Normal Mode Rejection	60 dB at 50/60 Hz, 100 percent span p-p
Current Output	4-20 mA, 11 bit, 0.5 percent FS, 0 to 750 ohm, min 3.2 mA
Relay Rating	5 A at 120 Vac or 30 Vdc; 2.5 A at 240 Vac resistive
Ssr Rating	1.0 A at 25 C, 0.5 A at 55 C, 120 or 240 Vac
Open Collector	20 mA sink, internally powered 34 Vdc, 100 mA protection
Power Consumption	6 VA
Mass	1 kg (2.2 lb)
Front Size	96 x 96 mm (1/4 DIN), panel cutout 92 x 92 mm
Depth	4.2 inch (105.4 mm); 2.62 inch with optional rear cover overlay

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Front Protection	IP65 (IEC 529), NEMA 3
Mains	102-132 Vac or 204-264 Vac, 50/60 Hz (jumper)
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Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.